

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number
WO 2005/014836 A3

(51) International Patent Classification⁷: **C12N 15/867**,
15/85, 15/63, 5/10

(21) International Application Number:
PCT/GB2004/003438

(22) International Filing Date: 9 August 2004 (09.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0318704.4 8 August 2003 (08.08.2003) GB

(71) Applicants (for all designated States except US): **CAM-
BRIDGE UNIVERSITY TECHNICAL SERVICES
LIMITED** [GB/GB]; The Old Schools, Trinity Lane,
Cambridge, Cambridgeshire CB2 1TS (GB). **GENE
DEVELOPMENTS LIMITED** [GB/GB]; Salisbury
House, Station Road, Cambridge, Cambridgeshire CB1
2LA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LEVER, Andrew,
Michael, Lindsay** [GB/GB]; 1 Maners Way, Cambridge,
Cambridgeshire CB1 8SL (GB). **STRAPPE, Padraig,
Michael** [IE/IE]; 54 Carrigeen, Clybaun Road, Knock-
nacarra, Galway (IE).

(74) Agents: **SUTCLIFFE, Nicholas** et al.; Mewburn Ellis
LLP, York House, 23 Kingsway, London, Greater London
WC2B 6HP (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
2 June 2005

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: CHIMAERIC VECTOR SYSTEM

(57) Abstract: Chimaeric Vector Systems This invention relates to a process for producing a Simian Immunodeficiency Virus (SIV) encoding a heterologous gene, which process comprises infecting a host cell with a first vector which is capable of producing SIV capsid and a second vector comprising a Human Immunodeficiency Virus type 2 (HIV -2) packaging signal sufficient to package the second vector in the SIV capsid and a heterologous gene capable of being expressed by the vector; and culturing the host cell.



WO 2005/014836 A3